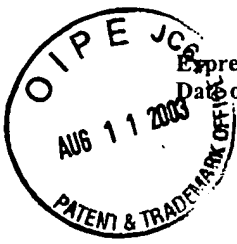


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Express Mail Label No.: EV328184205US
Date of Deposit: August 11, 2003

Attorney Docket No: 15966-552 (CURA 52)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Shimkets *et al.*
SERIAL NO.: 09/584,411 EXAMINER: John D. Ulm
FILING DATE: May 31, 2000 ART UNIT: 1646
FOR: NOVEL POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

August 11, 2003
Boston, Massachusetts

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TECH CENTER 1600/2900

RESPONSE TO JUNE 9, 2003 RESTRICTION REQUIREMENT

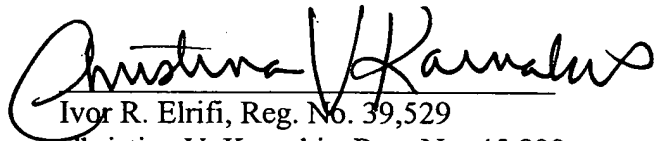
In response to the Restriction Requirement dated June 9, 2003, Applicants elect the invention of Groups XXII to XLII (claims 5-14, 19, 30 and 33), in so far as they relate to an isolated nucleic acid encoding a polypeptide comprising any one of the twenty-one amino acid sequences recited therein, without traverse. In particular, Applicants elect the invention of claims 5-14, 19, 30 and 33, in so far as they relate to an isolated nucleic acid encoding a polypeptide comprising the amino acid sequence of SEQ ID NO: 22, which Applicants believe corresponds to Group XXX of the Restriction Requirement, without traverse. Applicants reserve the right to correct this response to the Restriction Requirement if this understanding is incorrect.

Applicants are filing this Response in conjunction with a Preliminary Amendment. Applicants also submit herewith a Petition Under 37 C.F.R. §1.48(b) along the appropriate fee under 37 C.F.R. §1.17(h) in order to delete those inventors who were correctly named in the instant application as filed, but are not inventors of the invention currently recited by the pending claims, as amended.

Applicants: Shimkets et al.
US Serial No. 09/584,411

A Petition for a One-Month Extension of Time and required fee are filed herewith. With this extension, a response is due on or before Monday, August 11, 2003 (August 9, 2003 being a Saturday). This application is entitled to small-entity status. The Commissioner is hereby authorized to charge any additional fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311, Ref. No. 15966-552 (CURA 52).

Respectfully submitted,



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Christina V. Karnakis, Reg. No. 45,899
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